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<b>Project website</b>			
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### Context / Social problem

A fundamental problem is estimating the costs and benefits of different mitigation and adaptation strategies for climate change and land use in the Netherlands. The uncertainties and irreversibilities of climate change create new challenges for policy and for a good appraisal of the various strategies.

### What are the results, and who are they for?

An important result of the project will be an SCBA and multicriteria analysis for appraising various strategies with regard to climate change. This tool will be applied in various case studies. A further outcome of the project will be several well-trained PhD candidates capable of performing such analyses in a complex context.

### What do we know/not know?

Adaptation and mitigation strategies for climate change are a part of both the Climate changes Spatial Planning programme and earlier studies. However, to deal effectively with the consequences of climate change it is important that we can clearly and consistently compare various strategies and identify the best ones. Any relevant information held by the stakeholders should be made available for this.

### What is being studied?

This project concentrates on innovative methods for evaluating the costs and benefits of various strategies in relation to land use and spatial planning, taking into account the consequences of the strategies for different sectors and policy domains. A central element in all this is the role of uncertainty: how can we make the best decisions with insufficient information? The project focuses on the development of decision support tools based on social cost-benefit analysis (SCBA) under uncertainty. It aims to evaluate mitigation and adaptation strategies related to spatial planning in the Netherlands. Methodological innovation is concentrated mainly on spatially explicit and dynamic aspects, and on the issue of how to deal with the side-effects of strategies on other sectors and policy domains.

